# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L2 | 4 | (("5835458") or ("6078704")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/23 12:05 |
| L3 | 50 | (US-6018602-$ or US-5218582-$ or US-5408565-$ or US-6075596-$ or US-4941738-$ or US-5404413-$ or US-6055102-$ or US-6289156-$ or US-6418255-$ or US-6813056-$ or US-5237265-$ or US-5015051-$ or US-5607799-$ or US-6280884-$ or US-5432637-$ or US-5661825-$ or US-4297710-$ or US-4503541-$ or US-4767969-$ or US-4371838-$ or US-4446556-$ or US-4536861-$ or US-4571080-$ or US-4780876-$ or US-4807953-$ or US-4815853-$).did. or (US-4899042-$ or US-4902127-$ or US-5280173-$ or US-5287300-$ or US-5653811-$ or US-5990475-$ or US-6445861-$ or US-5463705-$ or US-6049415-$ or US-6208795-$ or US-4378951-$ or US-4584470-$ or US-4762384-$ or US-5479542-$ or US-5588078-$ or US-5611004-$ or US-5811964-$ or US-5878071-$ or US-5878065-$ or US-6112000-$ or US-6132524-$ or US-6188768-$ or US-4789500-$ or US-5245465-$).did. | USPAT | OR | ON | 2006/06/23 12:10 |

# EAST Search History

| L4 | 48 | (US-4456913-$ or US-6100703-$ or US-4774615-$ or US-4872181-$ or US-5559816-$ or US-4294014-$ or US-4416514-$ or US-5360007-$ or US-4007979-$ or US-4516855-$ or US-4554454-$ or US-5047783-$ or US-5585946-$ or US-5652390-$ or US-5760397-$ or US-6075651-$ or US-6215464-$ or US-6217173-$ or US-6261665-$ or US-6278425-$ or US-6081367-$ or US-4321705-$ or US-4367555-$ or US-4556320-$ or US-4831663-$ or US-4905252-$).did. or (US-5218582-$ or US-6075596-$ or US-3890047-$ or US-4482202-$ or US-4542338-$ or US-5023948-$ or US-5182735-$ or US-5222094-$ or US-5235570-$ or US-5408565-$ or US-5818626-$ or US-5867129-$ or US-6275317-$ or US-6289156-$ or US-6418255-$ or US-6476956-$ or US-6813056-$ or US-4479128-$ or US-5701130-$ or US-6175667-$ or US-4872755-$ or US-4900137-$).did. | USPAT | OR | ON | 2006/06/23 12:10 |
| L5 | 51597 | (lc "liquid crystal") and (fo "fiber optic") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 12:10 |

| L6 | 194 | ("0010593"\|"0023932"\|"0032940"<br>\|"0038740"\|"0003651"\|"0044710"<br>\|"0051279"\|"0063941"\|"0139974"<br>\|"0031443"\|"0085614"\|"2072419"<br>\|"3289001"\|"3701131"\|"3756690"<br>\|"3811096"\|"3976356"\|"4476465"<br>\|"4500176"\|"4572840"\|"4575722"<br>\|"4578651"\|"4584237"\|"4606605"<br>\|"4609257"\|"4661809"\|"4893909"<br>\|"4966445"\|"4981341"\|"5031983"<br>\|"5048937"\|"5050968"\|"5052786"<br>\|"5053704"\|"5056885"\|"5058971"<br>\|"5076675"\|"5106455"\|"5269882"<br>\|"5270485"\|"5273622"\|"5408565"<br>\|"5451774"\|"5473466"\|"5581647"<br>\|"5598492"\|"5610747"\|"5619355"<br>\|"5634194"\|"5640021"\|"5673131"<br>\|"5739943"\|"5767824"\|"5790299"<br>\|"5802222"\|"5812304"\|"5844710"<br>\|"5867300"\|"5889609"\|"5901258"<br>\|"5973821"\|"5990996"\|"6018412"<br>\|"6063200"\|"6103010"\|"6151429"<br>\|"6208795"\|"6252665"\|"6314215"<br>\|"6333806"\|"6339492"\|"6417892"<br>\|"6431935"\|"6441944"\|"6462856"<br>\|"6467313"\|"6496634"\|"6532774"<br>\|"6542647"\|"6542665"\|"6550282"<br>\|"6576406"\|"6577430"\|"6580546"<br>\|"6594068"\|"6631234"\|"6647852"<br>\|"6654522"\|"6757101"\|"6762872"<br>\|"6782148"\|"6813076"\|"6952300"<br>).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:10 |
|----|-----|----|----|----|----|
| L7 | 62476 | "385"$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:10 |
| L8 | 39613 | "349"$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:10 |
| L9 | 151433 | L3 L4 L5 L6 L7 L8 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:10 |

# EAST Search History

| L10 | 141519 | L9 not @ad>"20040212" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:11 |
|-----|--------|-----------------------|------------------------------------------------------------------|----|----|------------------|
| L12 | 1261 | 10 and modulator.ti. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:13 |
| L13 | 33 | 12 and "second cladding" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:13 |
| L14 | 14 | 13 and magnet$5 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:20 |
| L15 | 19 | 13 not 14 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:23 |
| L16 | 0 | 12 and (concentric near5 cladding) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:23 |
| L17 | 0 | 12 and (coaxial near5 cladding) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:24 |
| L18 | 50 | 10 and (coaxial near5 cladding) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:24 |

# EAST Search History

| L20 | 5 | 18 and modulator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 12:29 |
|---|---|---|---|---|---|---|
| L21 | 30 | 12 and (circular adj polariz$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 12:44 |
| S1 | 51565 | (lc "liquid crystal") and (fo "fiber optic") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 08:22 |
| S2 | 62419 | "385"$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:35 |
| S3 | 3906 | S2 and (lc "liquid crystal") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:38 |
| S4 | 53790 | S1 S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:36 |
| S5 | 50202 | S4 not @ad>"20040122" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:37 |
| S6 | 427 | S5 and ((lc "liquid crystal") near5 lens) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:39 |

# EAST Search History

| S7 | 5 | S6 and ((lc "liquid crystal") near3 cladding) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:42 |
|----|----|-----|-----|-----|-----|-----|
| S8 | 48 | S5 and ((lc "liquid crystal") near3 cladding) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:57 |
| S9 | 43 | S8 not S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:43 |
| S10 | 50 | (US-4582390-$ or US-4943971-$ or US-5367584-$ or US-5715267-$ or US-5833818-$ or US-5970186-$ or US-6022671-$ or US-6052215-$ or US-4523810-$ or US-4298245-$ or US-4783140-$ or US-5586205-$ or US-5953469-$ or US-5986728-$ or US-5544268-$ or US-5664032-$ or US-5724463-$ or US-5748825-$ or US-6078704-$ or US-6236799-$ or US-4589117-$ or US-4632709-$ or US-4791649-$ or US-4792958-$ or US-4813771-$ or US-4828362-$).did. or (US-4835117-$ or US-4910743-$ or US-4984244-$ or US-5217568-$ or US-5224198-$ or US-5360497-$ or US-5361320-$ or US-5377026-$ or US-5388169-$ or US-5581642-$ or US-5647036-$ or US-5712674-$ or US-5760936-$ or US-5781670-$ or US-5824419-$ or US-5854870-$ or US-5911018-$ or US-5912997-$ or US-5937115-$ or US-5978524-$ or US-6118908-$ or US-6141465-$ or US-6157753-$ or US-6167169-$).did. | USPAT | OR | ON | 2006/06/20 09:56 |
| S11 | 7 | S10 and ((lc "liquid crystal") near3 cladding) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:58 |

# EAST Search History

| S12 | 1 | 09/944381 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:58 |
|---|---|---|---|---|---|---|
| S13 | 50 | (US-6018602-$ or US-5218582-$ or US-5408565-$ or US-6075596-$ or US-4941738-$ or US-5404413-$ or US-6055102-$ or US-6289156-$ or US-6418255-$ or US-6813056-$ or US-5237265-$ or US-5015051-$ or US-5607799-$ or US-6280884-$ or US-5432637-$ or US-5661825-$ or US-4297710-$ or US-4503541-$ or US-4767969-$ or US-4371838-$ or US-4446556-$ or US-4536861-$ or US-4571080-$ or US-4780876-$ or US-4807953-$ or US-4815853-$).did. or (US-4899042-$ or US-4902127-$ or US-5280173-$ or US-5287300-$ or US-5653811-$ or US-5990475-$ or US-6445861-$ or US-5463705-$ or US-6049415-$ or US-6208795-$ or US-4378951-$ or US-4584470-$ or US-4762384-$ or US-5479542-$ or US-5588078-$ or US-5611004-$ or US-5811964-$ or US-5878071-$ or US-5878065-$ or US-6112000-$ or US-6132524-$ or US-6188768-$ or US-4789500-$ or US-5245465-$).did. | USPAT | OR | ON | 2006/06/23 08:22 |

| S14 | 48 | (US-4456913-$ or US-6100703-$ or US-4774615-$ or US-4872181-$ or US-5559816-$ or US-4294014-$ or US-4416514-$ or US-5360007-$ or US-4007979-$ or US-4516855-$ or US-4554454-$ or US-5047783-$ or US-5585946-$ or US-5652390-$ or US-5760397-$ or US-6075651-$ or US-6215464-$ or US-6217173-$ or US-6261665-$ or US-6278425-$ or US-6081367-$ or US-4321705-$ or US-4367555-$ or US-4556320-$ or US-4831663-$ or US-4905252-$).did. or (US-5218582-$ or US-6075596-$ or US-3890047-$ or US-4482202-$ or US-4542338-$ or US-5023948-$ or US-5182735-$ or US-5222094-$ or US-5235570-$ or US-5408565-$ or US-5818626-$ or US-5867129-$ or US-6275317-$ or US-6289156-$ or US-6418255-$ or US-6476956-$ or US-6813056-$ or US-4479128-$ or US-5701130-$ or US-6175667-$ or US-4872755-$ or US-4900137-$).did. | USPAT | OR | ON | 2006/06/23 08:22 |
| S15 | 51597 | (lc "liquid crystal") and (fo "fiber optic") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 08:24 |

| S16 | 194 | ("0010593"\|"0023932"\|"0032940"<br>\|"0038740"\|"0003651"\|"0044710"<br>\|"0051279"\|"0063941"\|"0139974"<br>\|"0031443"\|"0085614"\|"2072419"<br>\|"3289001"\|"3701131"\|"3756690"<br>\|"3811096"\|"3976356"\|"4476465"<br>\|"4500176"\|"4572840"\|"4575722"<br>\|"4578651"\|"4584237"\|"4606605"<br>\|"4609257"\|"4661809"\|"4893909"<br>\|"4966445"\|"4981341"\|"5031983"<br>\|"5048937"\|"5050968"\|"5052786"<br>\|"5053704"\|"5056885"\|"5058971"<br>\|"5076675"\|"5106455"\|"5269882"<br>\|"5270485"\|"5273622"\|"5408565"<br>\|"5451774"\|"5473466"\|"5581647"<br>\|"5598492"\|"5610747"\|"5619355"<br>\|"5634194"\|"5640021"\|"5673131"<br>\|"5739943"\|"5767824"\|"5790299"<br>\|"5802222"\|"5812304"\|"5844710"<br>\|"5867300"\|"5889609"\|"5901258"<br>\|"5973821"\|"5990996"\|"6018412"<br>\|"6063200"\|"6103010"\|"6151429"<br>\|"6208795"\|"6252665"\|"6314215"<br>\|"6333806"\|"6339492"\|"6417892"<br>\|"6431935"\|"6441944"\|"6462856"<br>\|"6467313"\|"6496634"\|"6532774"<br>\|"6542647"\|"6542665"\|"6550282"<br>\|"6576406"\|"6577430"\|"6580546"<br>\|"6594068"\|"6631234"\|"6647852"<br>\|"6654522"\|"6757101"\|"6762872"<br>\|"6782148"\|"6813076"\|"6952300"<br>).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 08:25 |
|---|---|---|---|---|---|---|
| S17 | 62476 | "385"$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 08:25 |
| S18 | 39613 | "349"$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 08:25 |
| S19 | 151433 | S13 S14 S15 S16 S17 S18 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 08:26 |

# EAST Search History

| S20 | 141519 | S19 not @ad>"20040212" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 12:10 |
|---|---|---|---|---|---|---|
| S21 | 1835 | S20 and (modulator near5 (intensity amplitude)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 08:42 |
| S22 | 0 | S21 and (ferromagnetic near5 (doped dope dopant)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 08:48 |
| S23 | 0 | S21 and (ferromagnetic near9 (doped dope dopant)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 08:44 |
| S24 | 0 | S21 and ("ferro-magnetic" near5 (doped dope dopant)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 08:44 |
| S25 | 0 | S21 and ("ferro-magnetic" near20 (doped dope dopant)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 08:45 |
| S26 | 2 | S21 and ((YIG Tb TGG) near5 (doped dope dopant)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 08:47 |
| S27 | 231 | S21 and (coil coilform) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 08:47 |

| S28 | 110 | S27 and (doped dope dopant) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 08:48 |
|-----|-----|------|------|-----|-----|------|
| S29 | 83 | S28 and magnet$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 08:49 |
| S30 | 83 | S29 and polariz$9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 08:52 |
| S31 | 3 | S29 and (polariz$9 near5 (control vary alter change regulate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 09:04 |
| S32 | 65 | S21 and (integrated near5 polariz$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 09:04 |
| S33 | 42 | S21 and (integrated near3 polariz$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 09:05 |
| S34 | 34 | S21 and (integrated near2 polariz$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 09:08 |
| S35 | 26 | S21 and amplitude.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 09:43 |

| S36 | 8 | (("5802222") or ("5619355") or ("5031983") or ("5990996")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/23 09:50 |
| --- | --- | --- | --- | --- | --- | --- |
| S37 | 25 | 10/811782 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/23 09:50 |